

Program EVALPLOT
(Version 2021-1)

by

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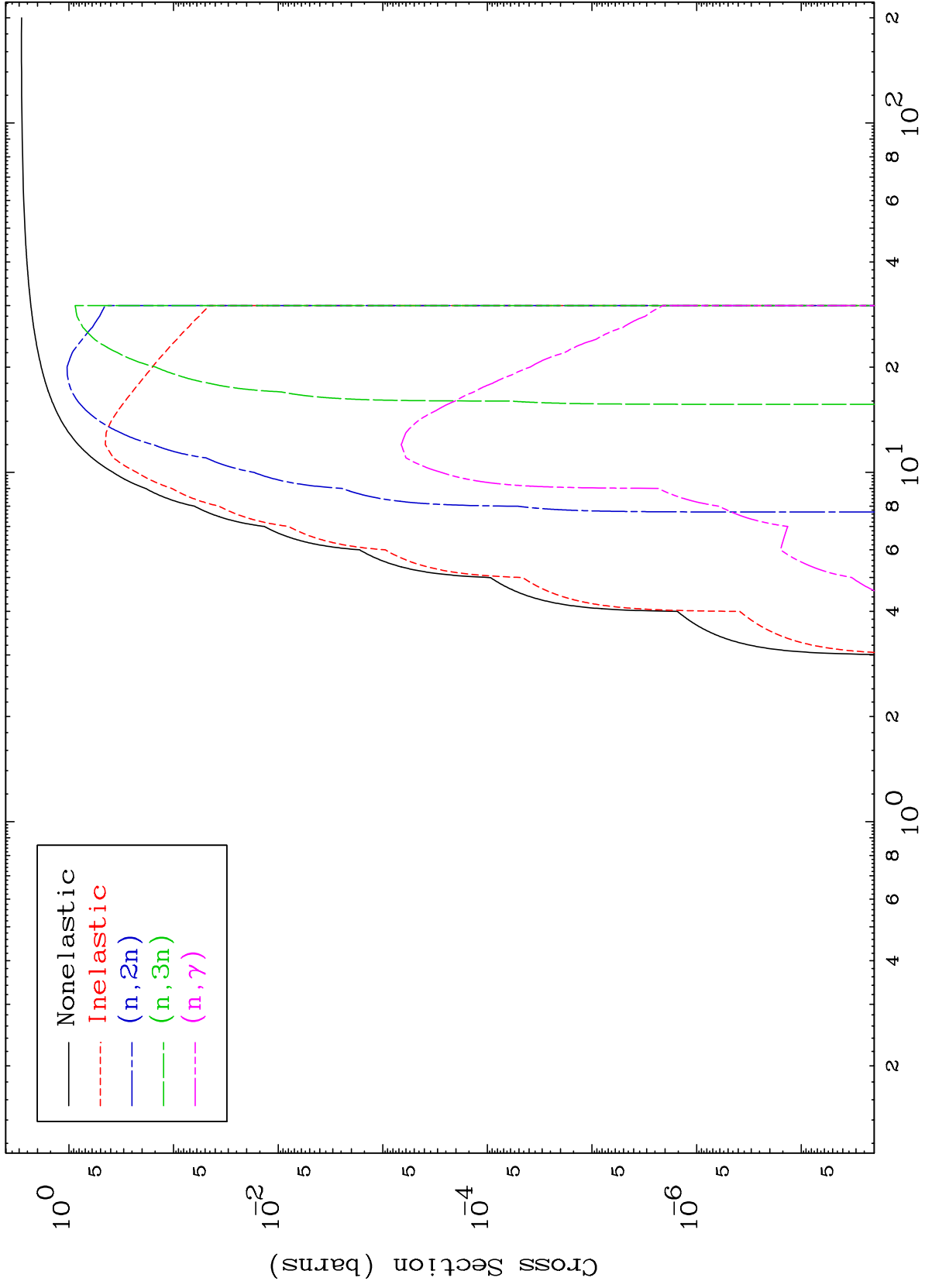
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7299

Deuteron Major
0 Kelvin Cross Sections

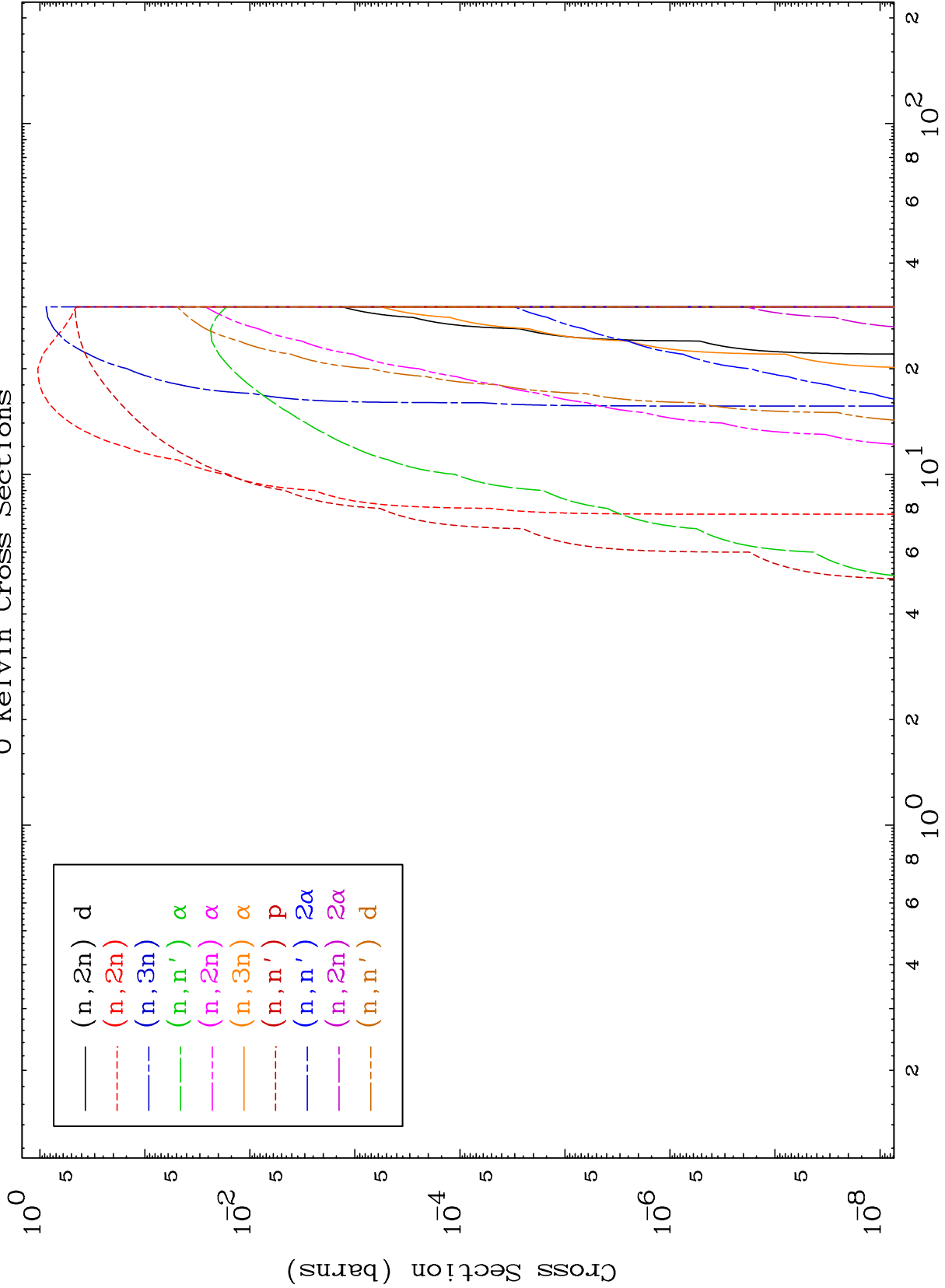
⁷³Ta-171m

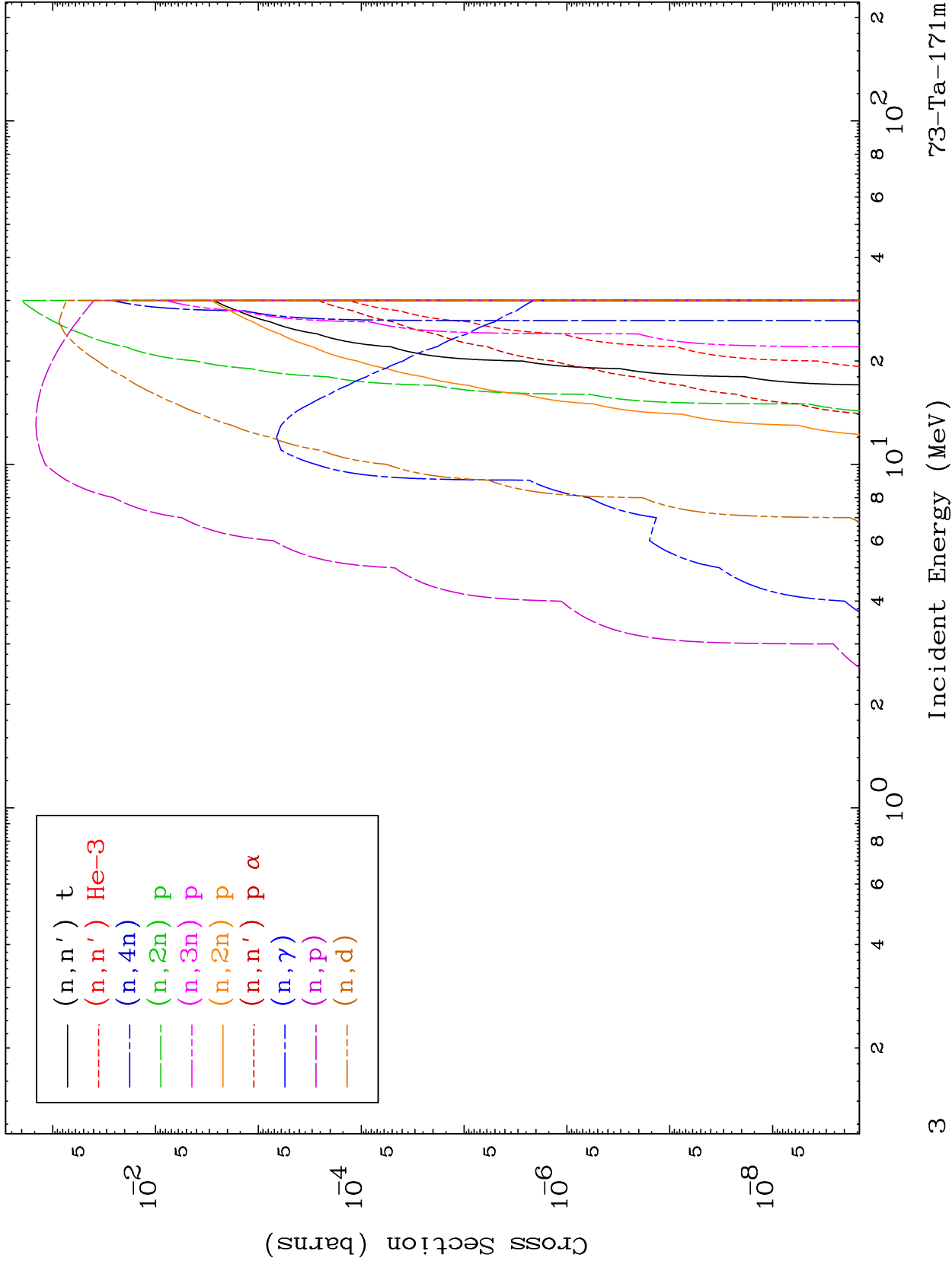


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Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷³Ta-171m

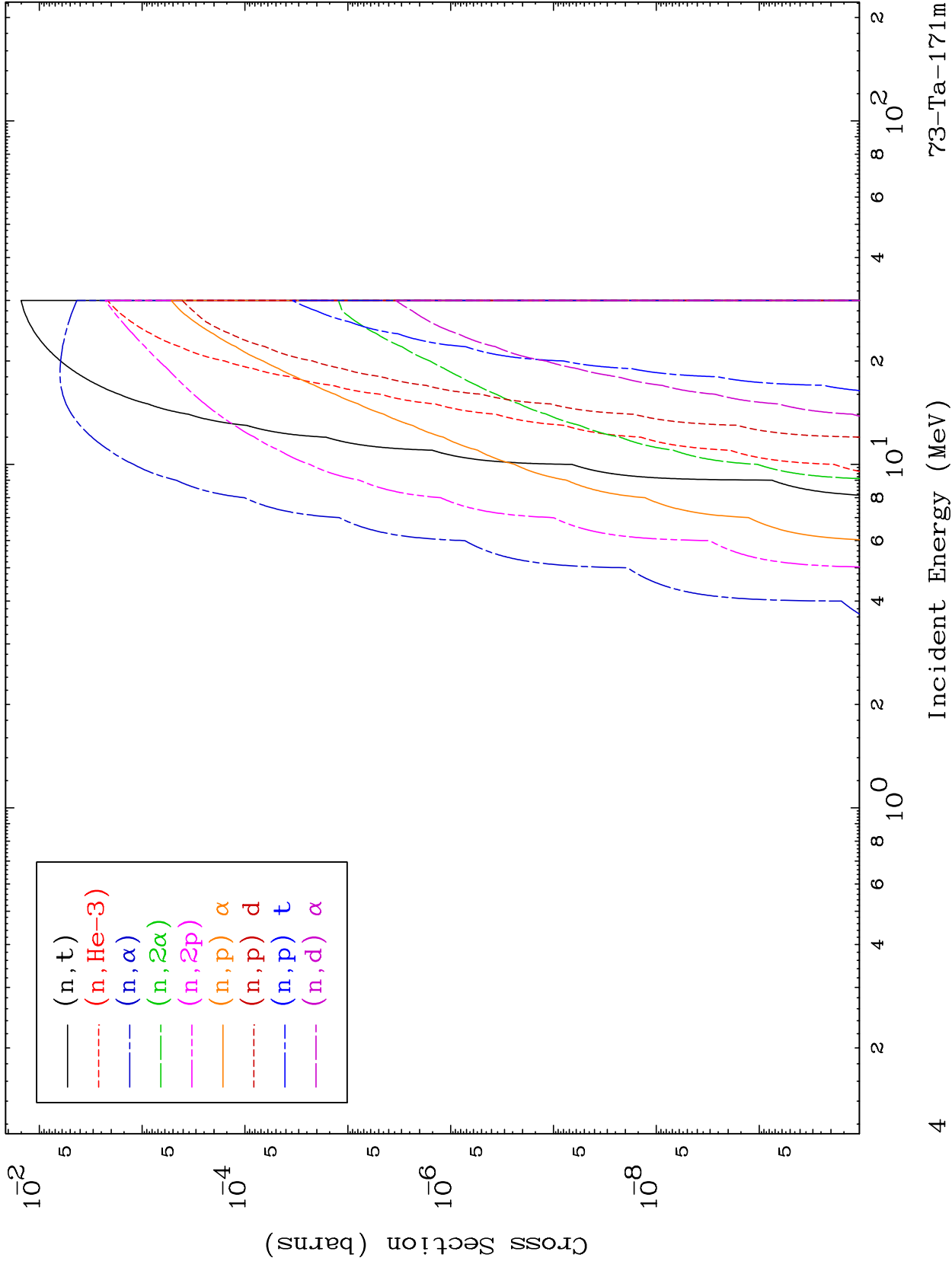




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Deuteron Neutron Absorption
0 Kelvin Cross Sections

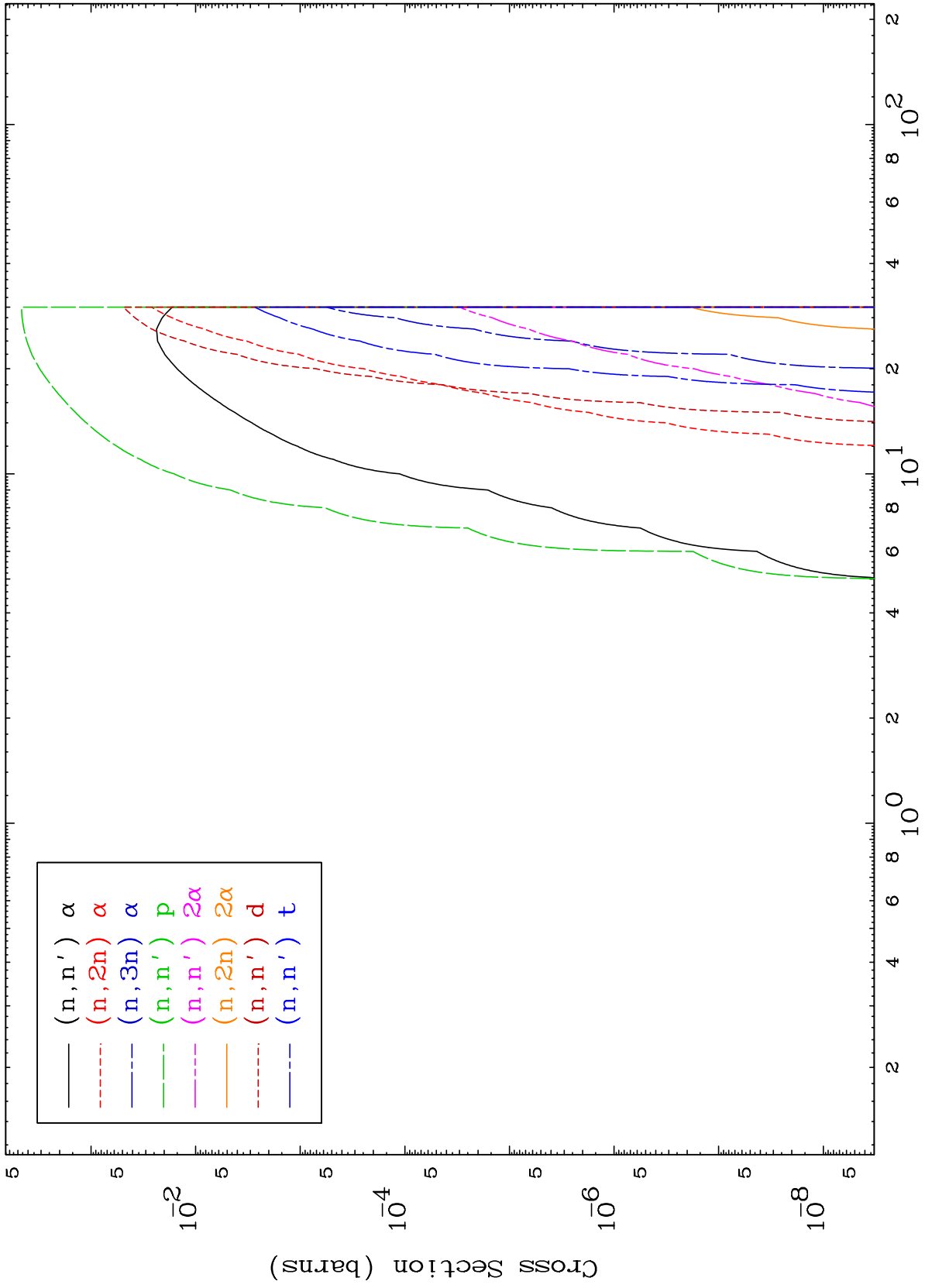
⁷³Ta-171m



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Deuteron Charged Particle
0 Kelvin Cross Sections

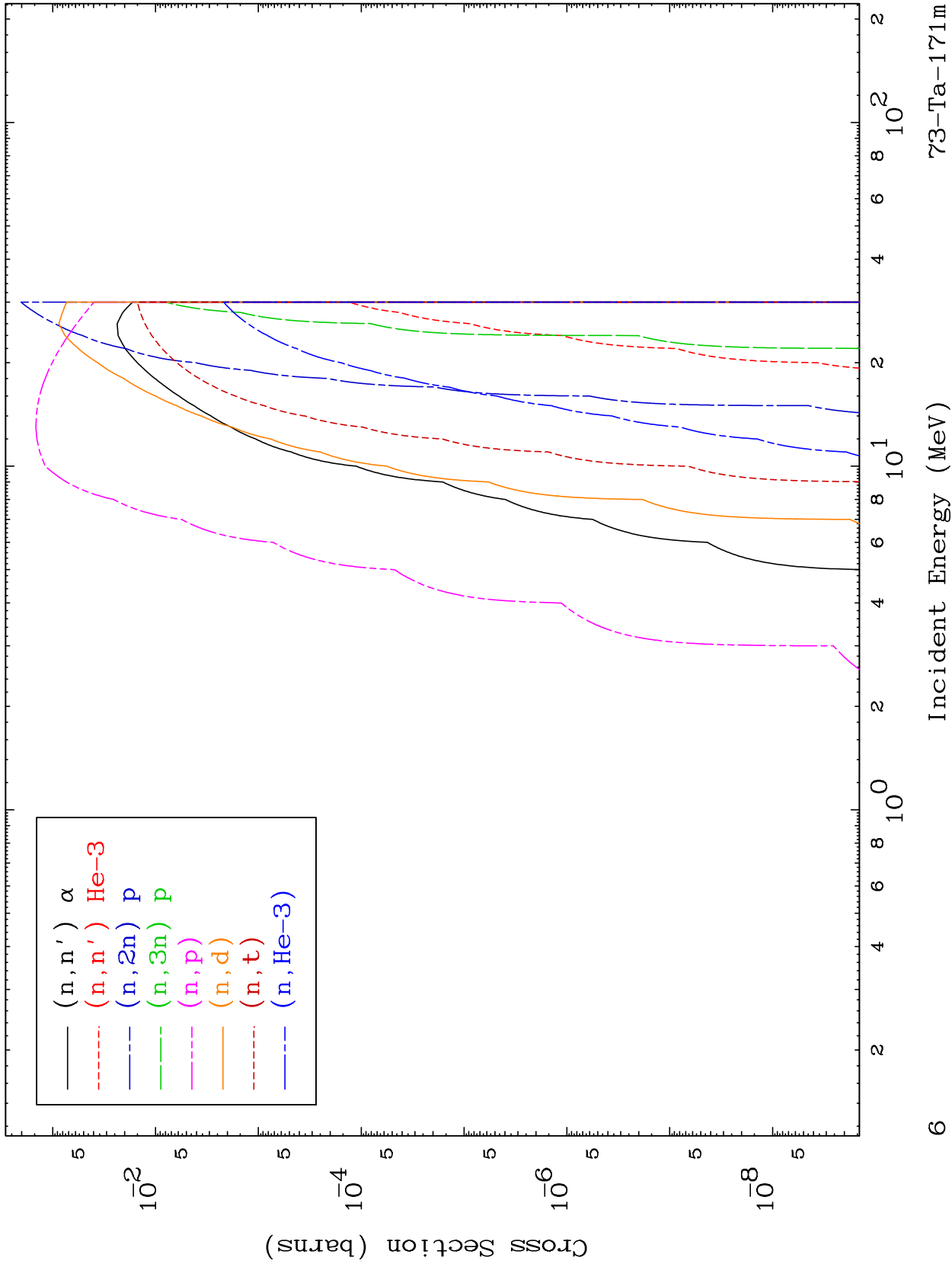
⁷³Ta-171m

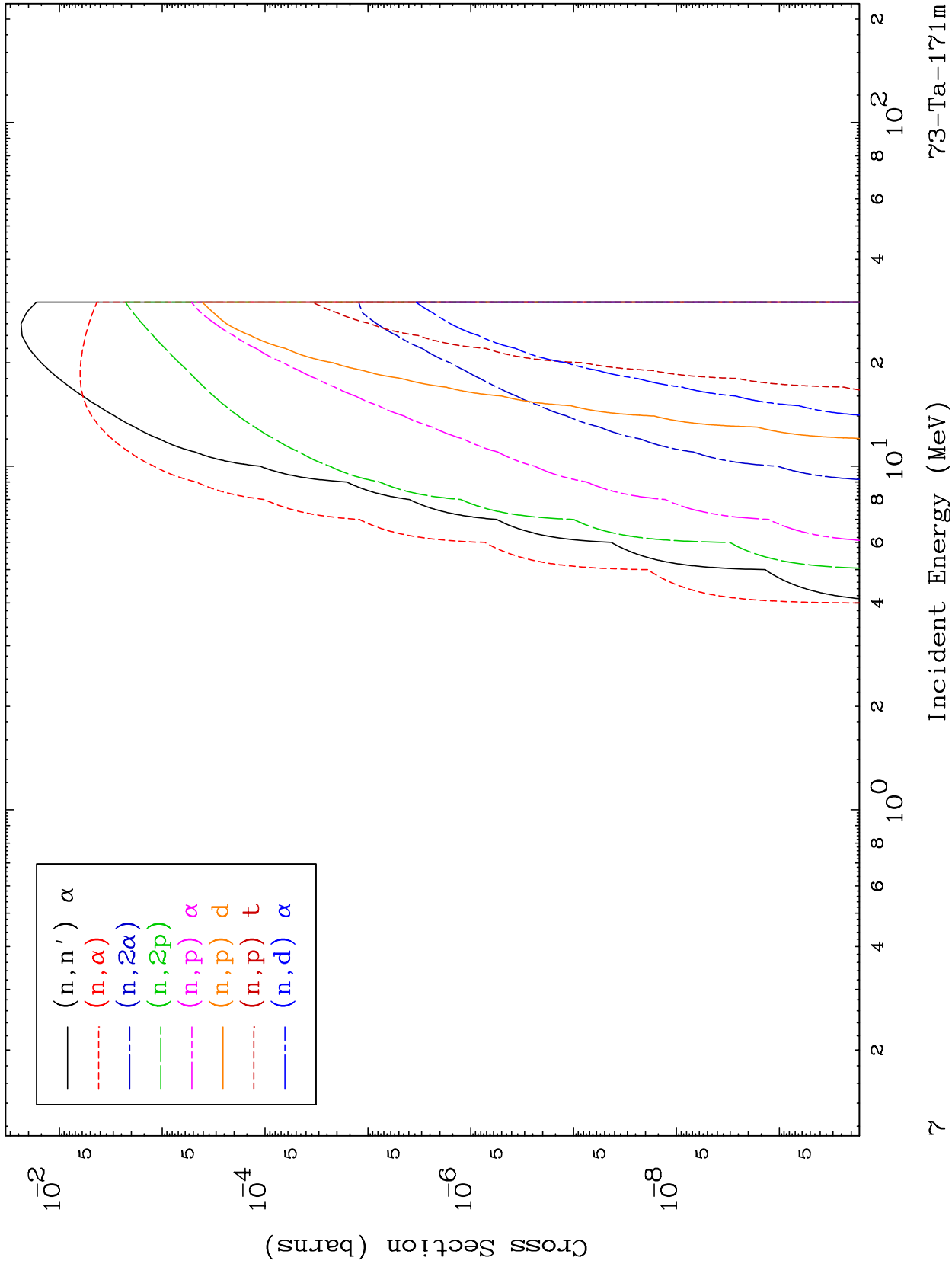


5

Incident Energy (MeV)

⁷³Ta-171m



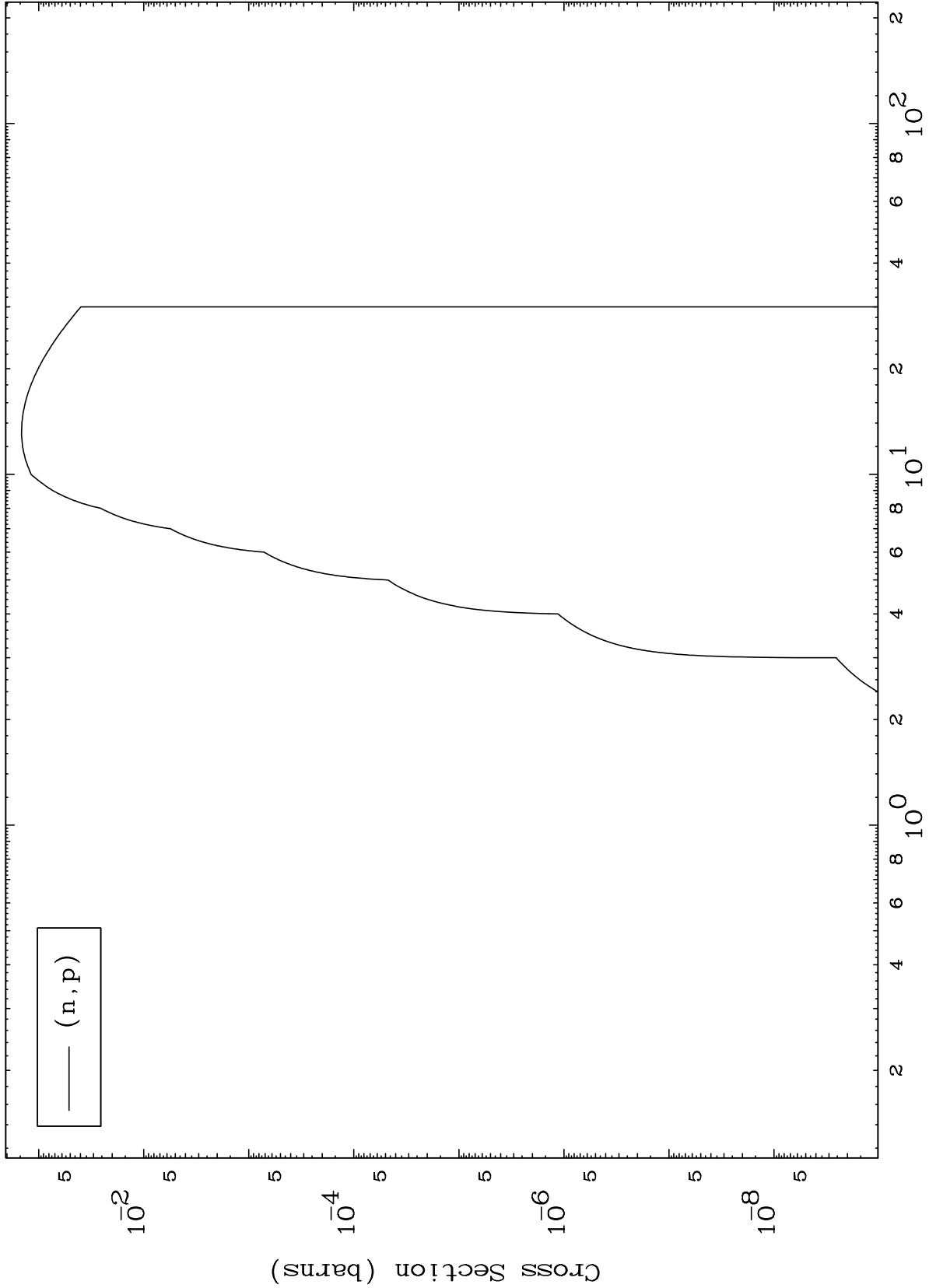


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(d,p) Levels

⁷³Ta-171m

0 Kelvin Cross Sections

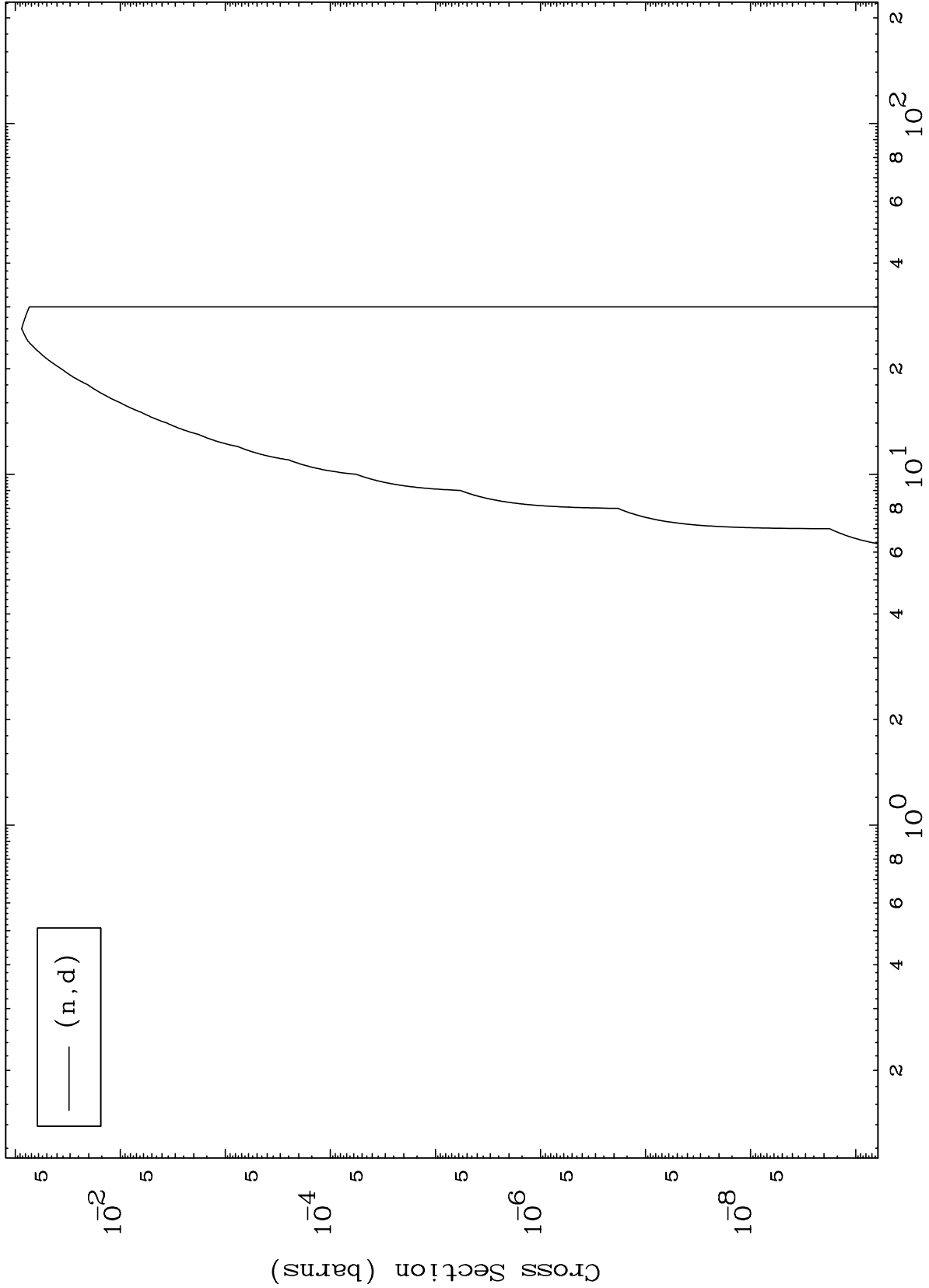


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(d,d) Levels

⁷³Ta-171m

0 Kelvin Cross Sections

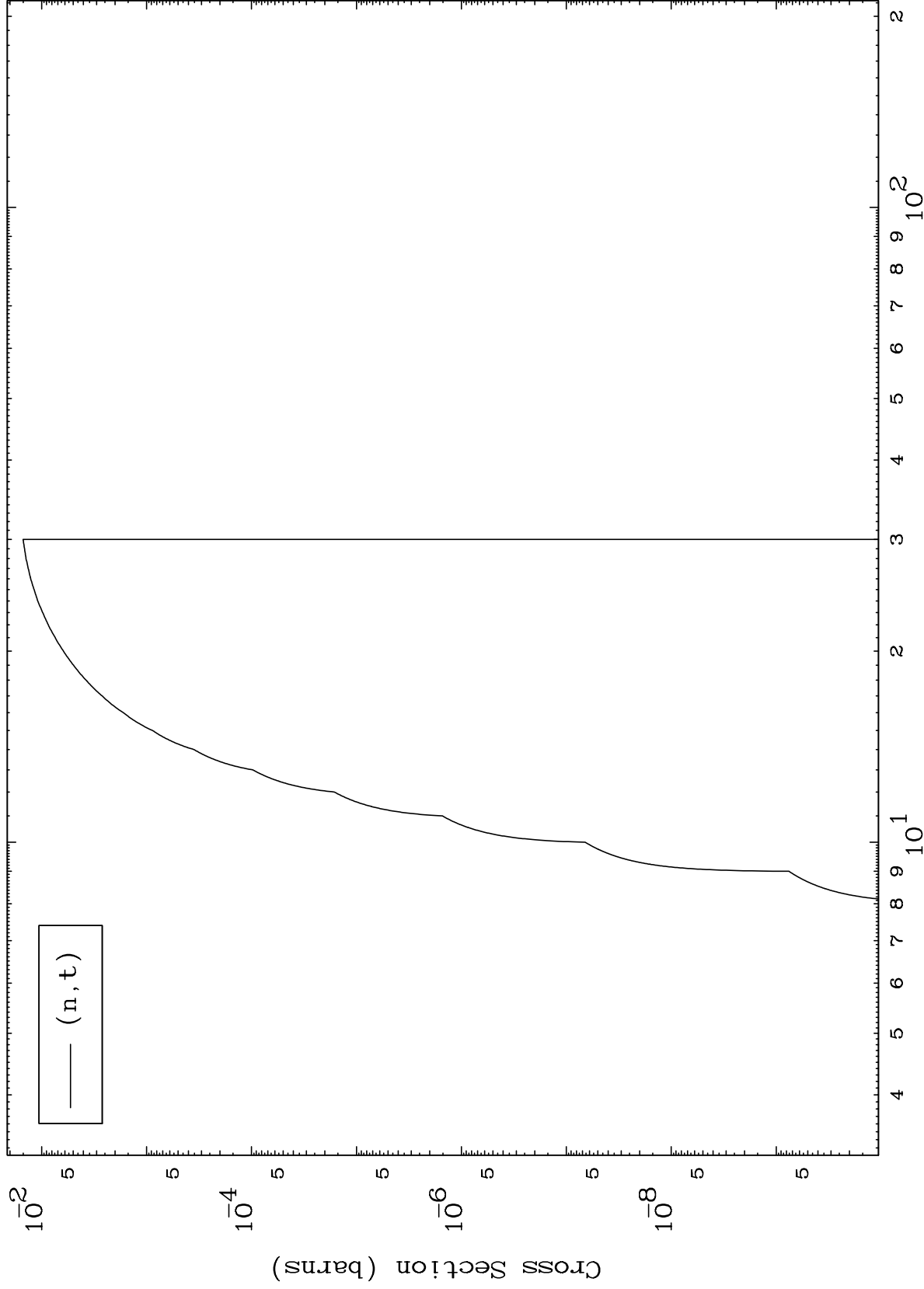


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(d, t) Levels

0 Kelvin Cross Sections

⁷³Ta-171m



10

Incident Energy (MeV)

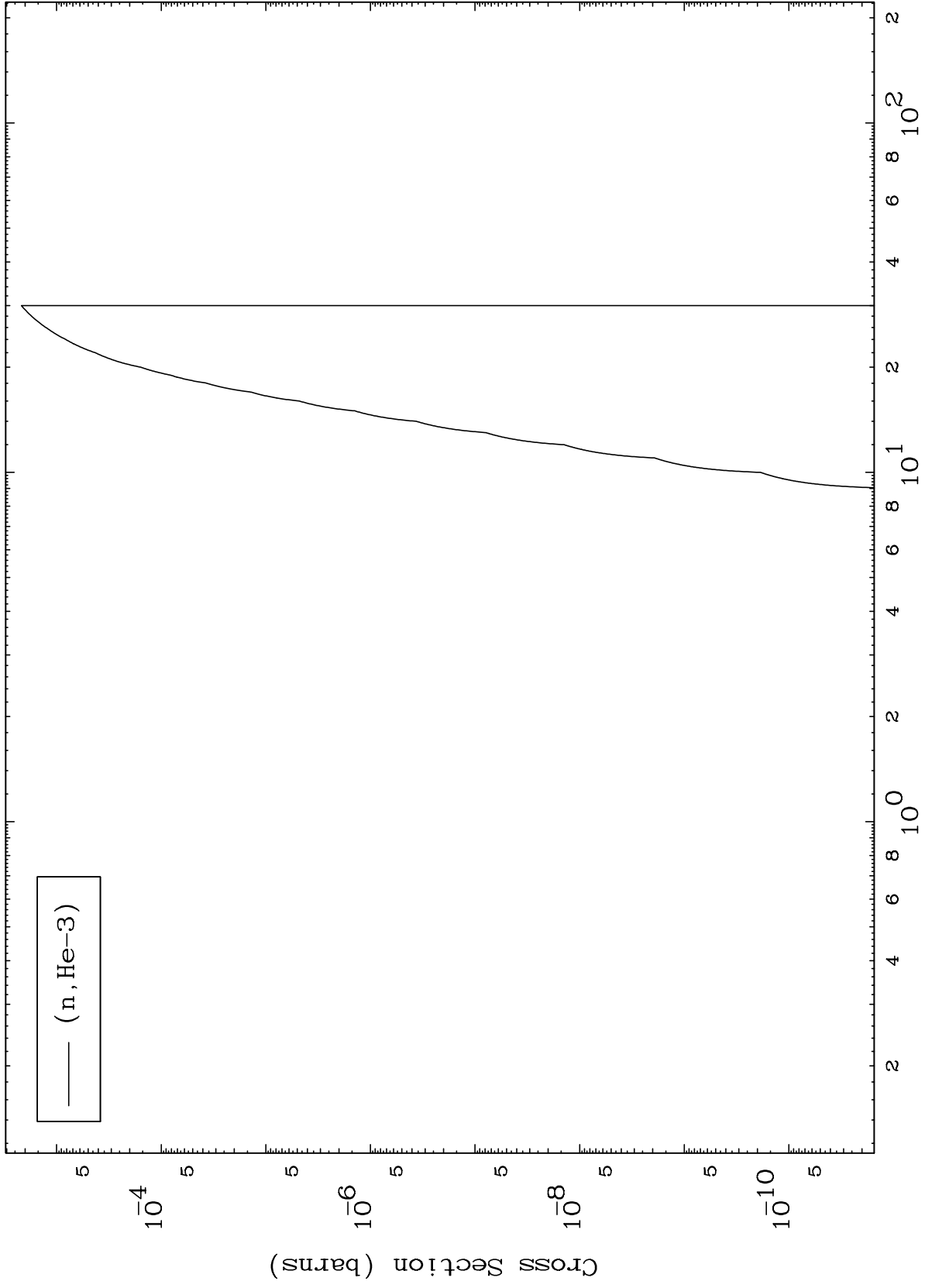
⁷³Ta-171m

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(d,He3) Levels

73-Ta-171m

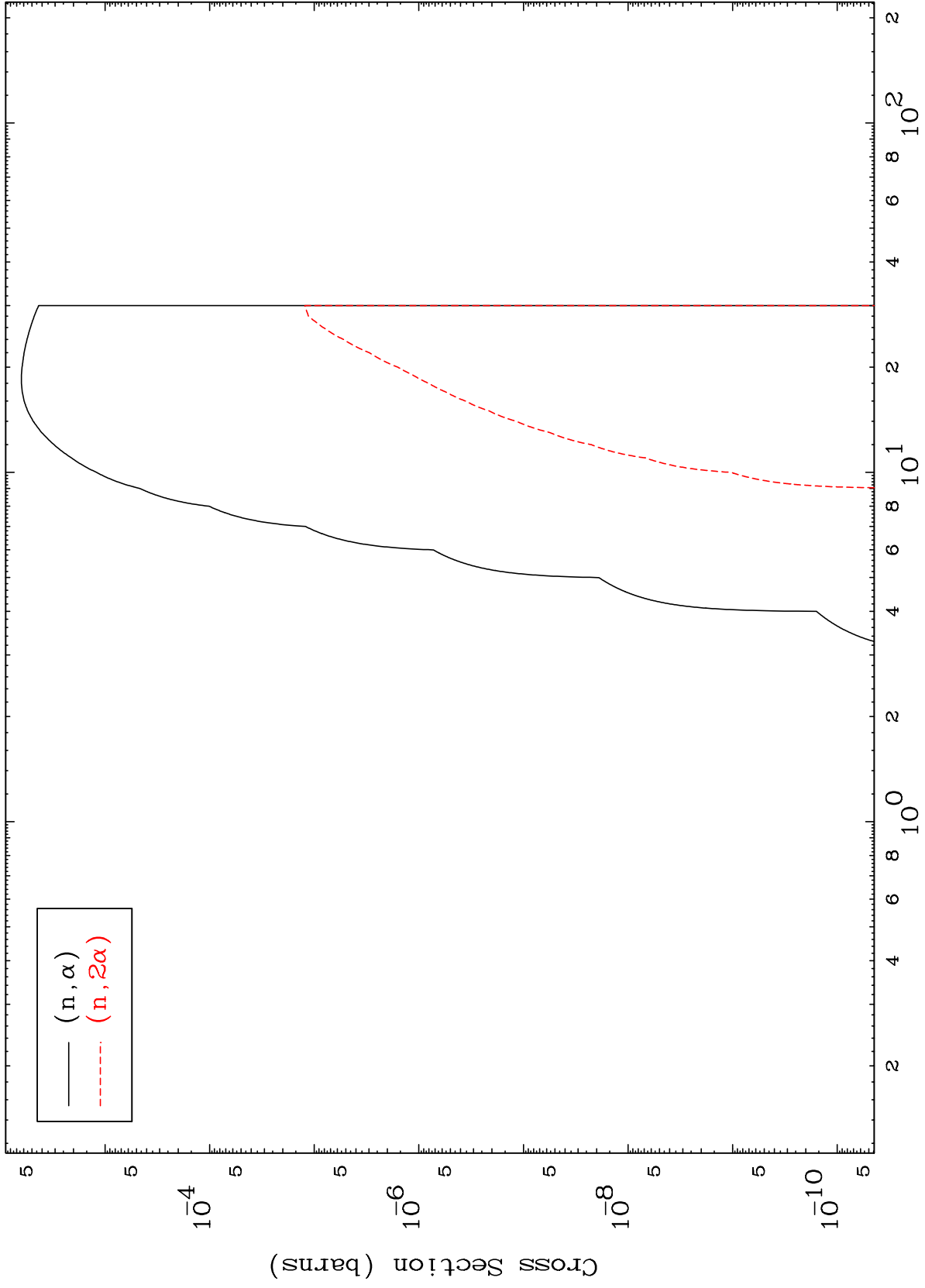
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

⁷³Ta-171m



12

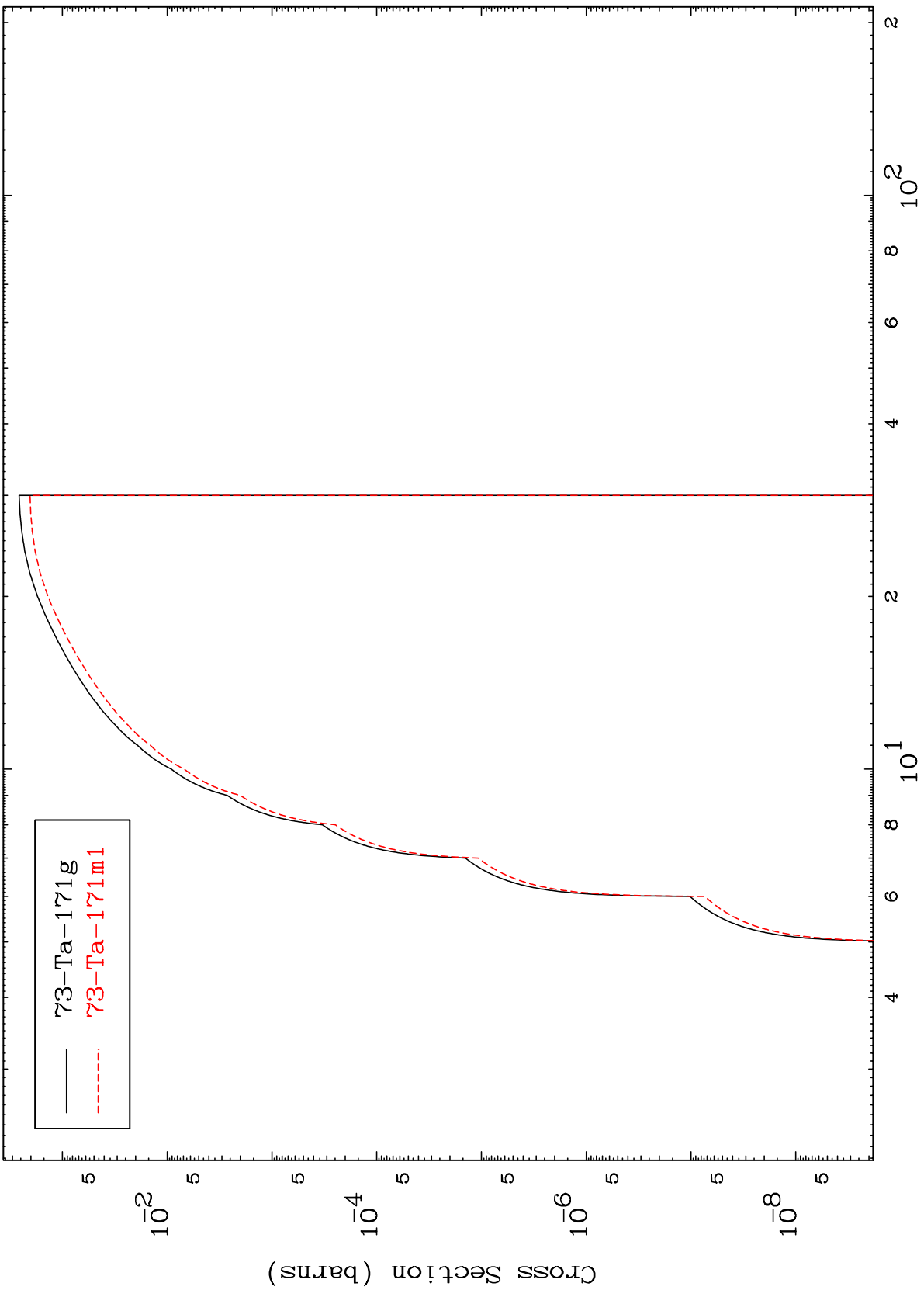
Incident Energy (MeV)

⁷³Ta-171m

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⁷³Ta-171m

(n,n') p
Radionuclide Production Cross Section

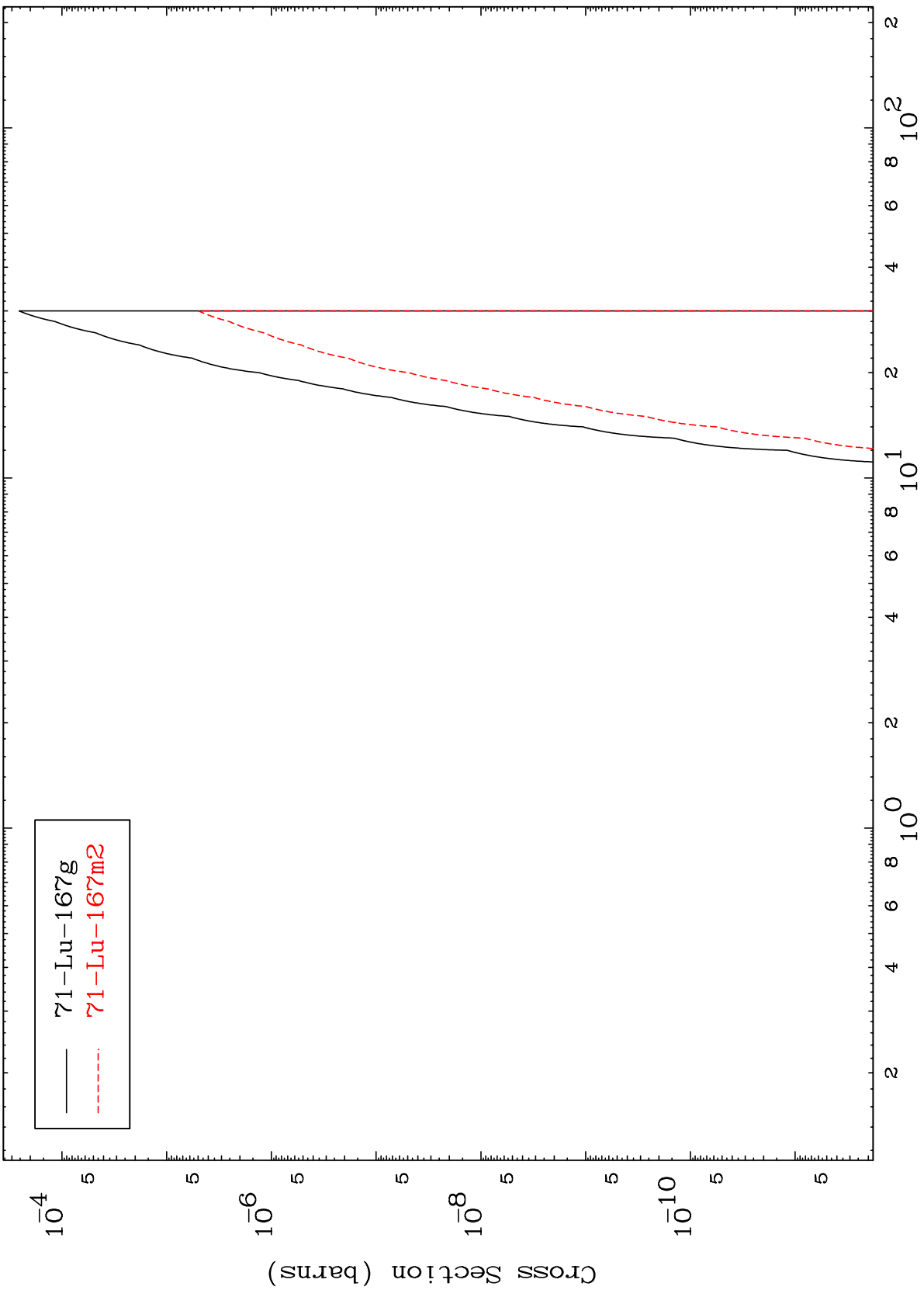


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(n,n') p α

⁷³Ta-171m

Radionuclide Production Cross Section

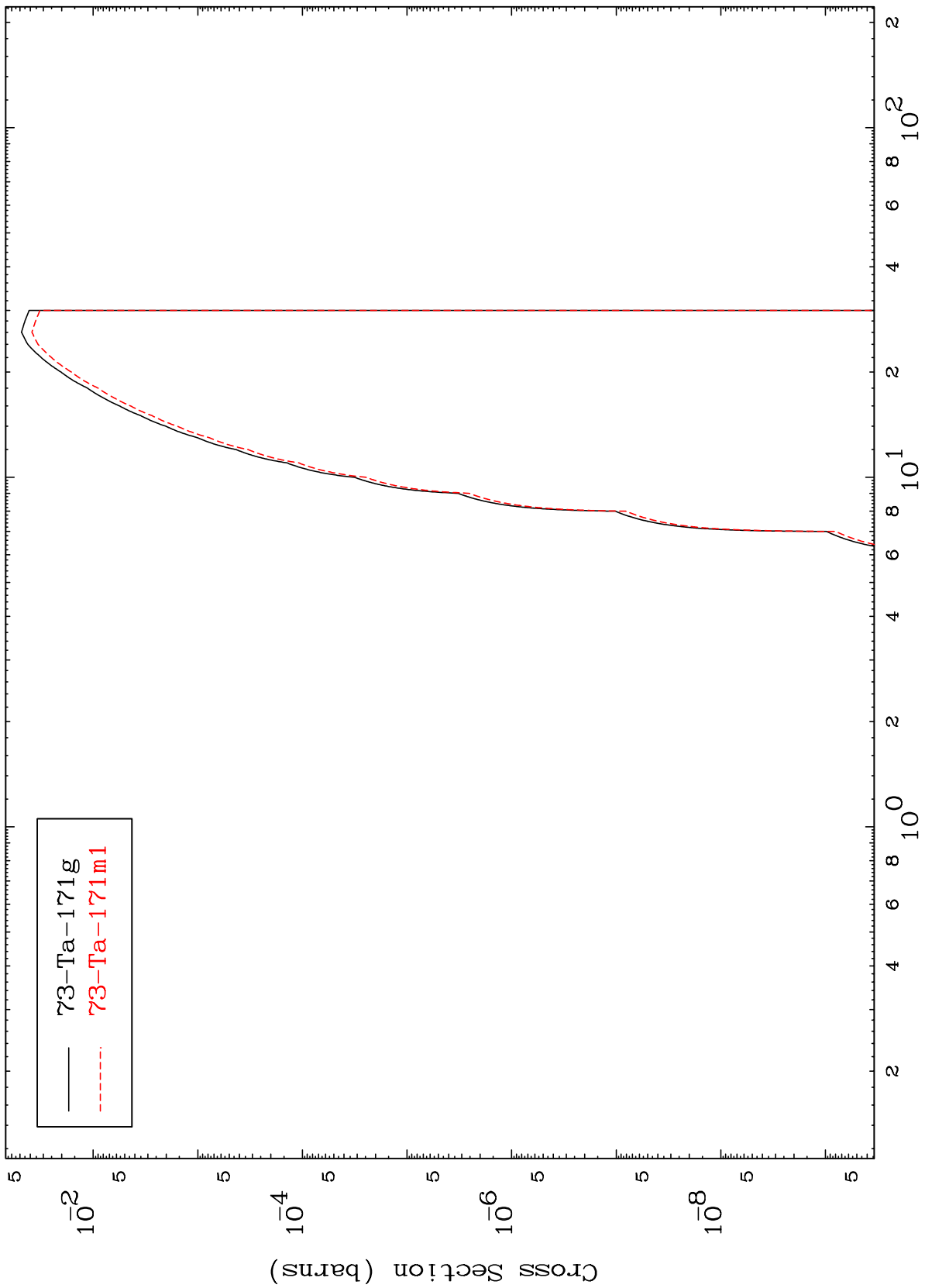


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(n,d)

⁷³Ta-171m

Radionuclide Production Cross Section



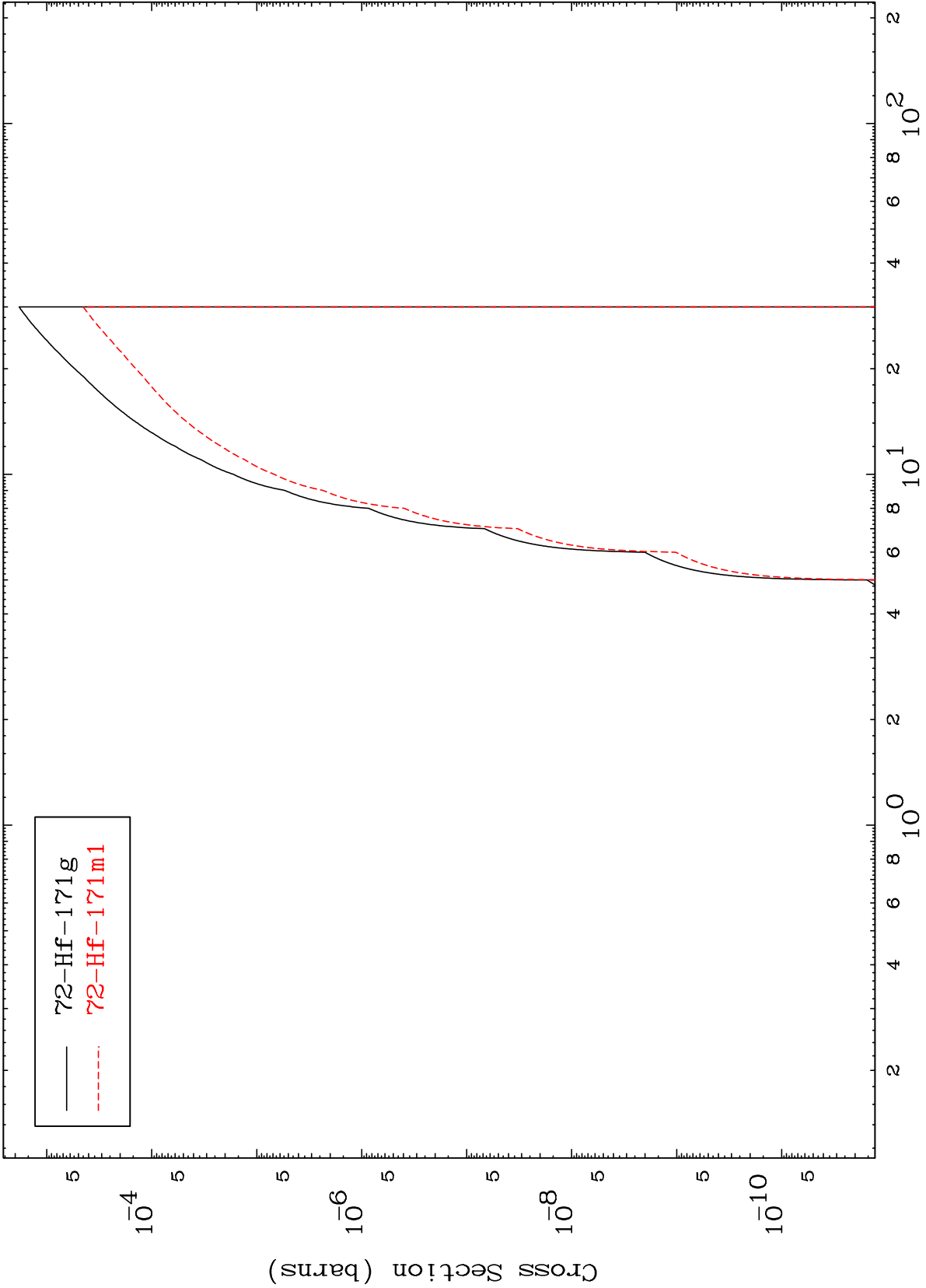
— ⁷³Ta-171g
- - - ⁷³Ta-171m1

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(n,2p)

⁷³Ta-171m

Radionuclide Production Cross Section



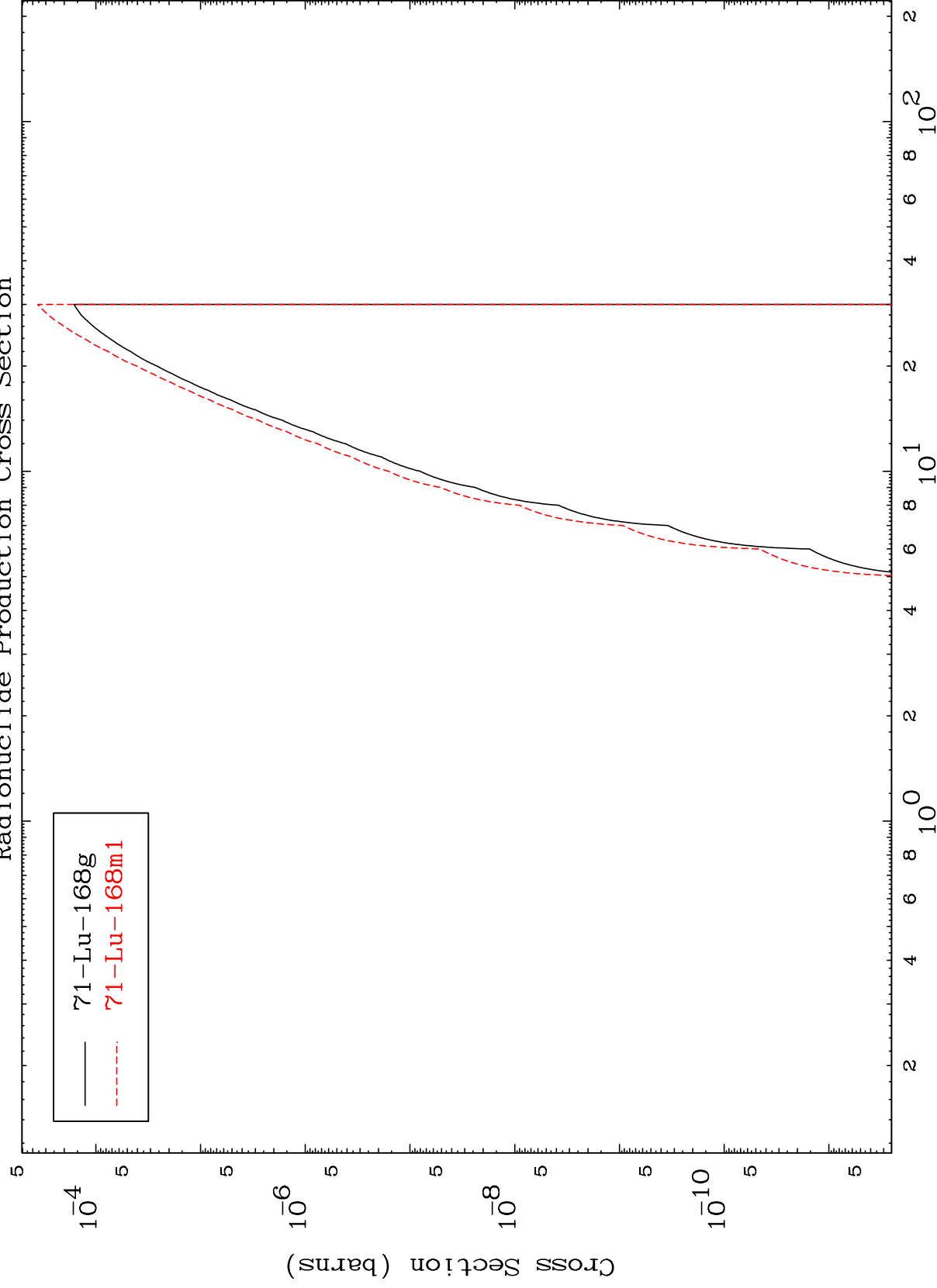
— ⁷²Hf-171g
- - - ⁷²Hf-171m1

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(n,p) α

$^{73}\text{Ta-171m}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

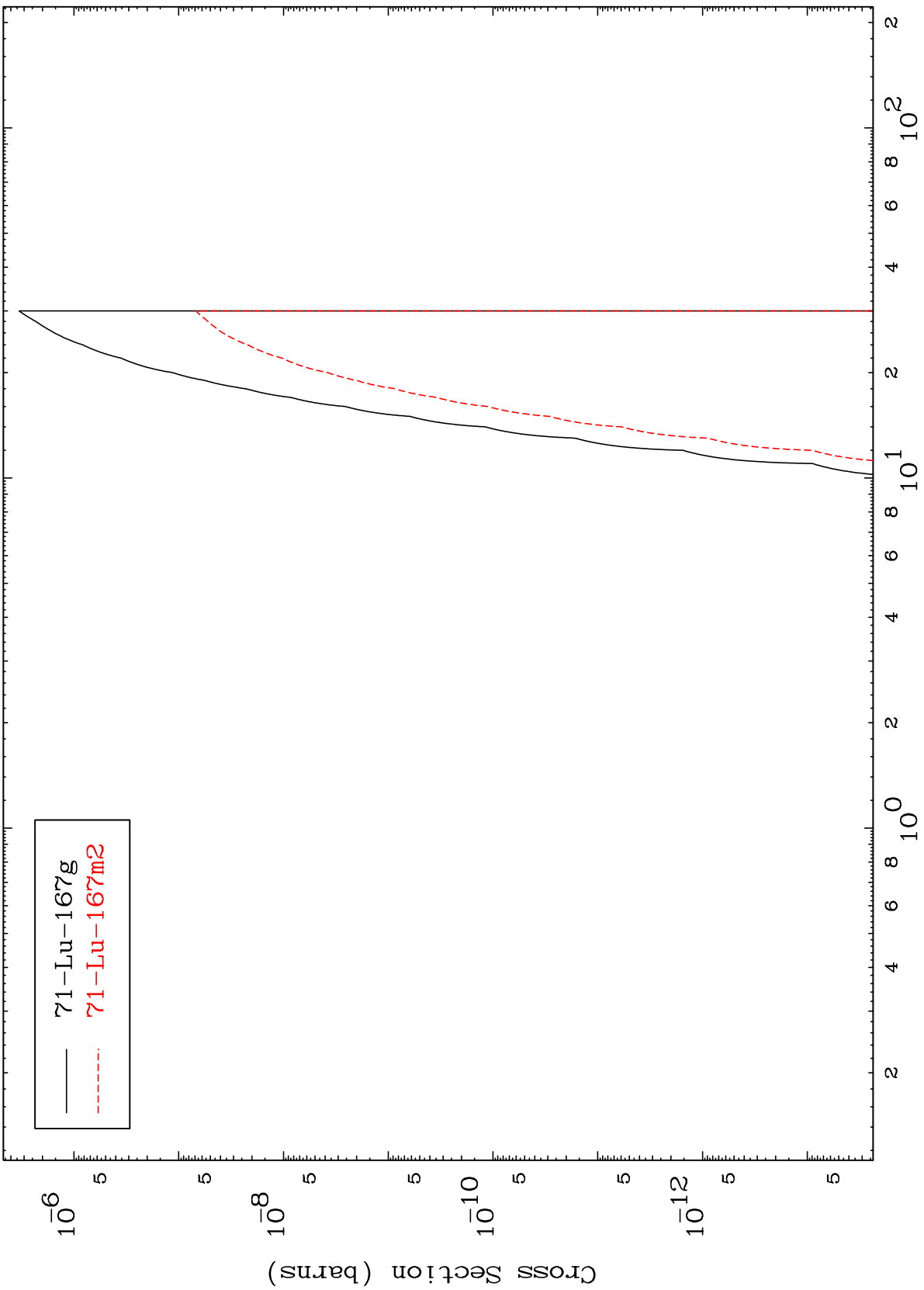
$^{73}\text{Ta-171m}$

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(n,d) α

^{73}Ta -171m

Radionuclide Production Cross Section



— $^{71}\text{Lu}-167\text{g}$
- - - $^{71}\text{Lu}-167\text{m}2$